Land Transport Carbon Emissions in 2050

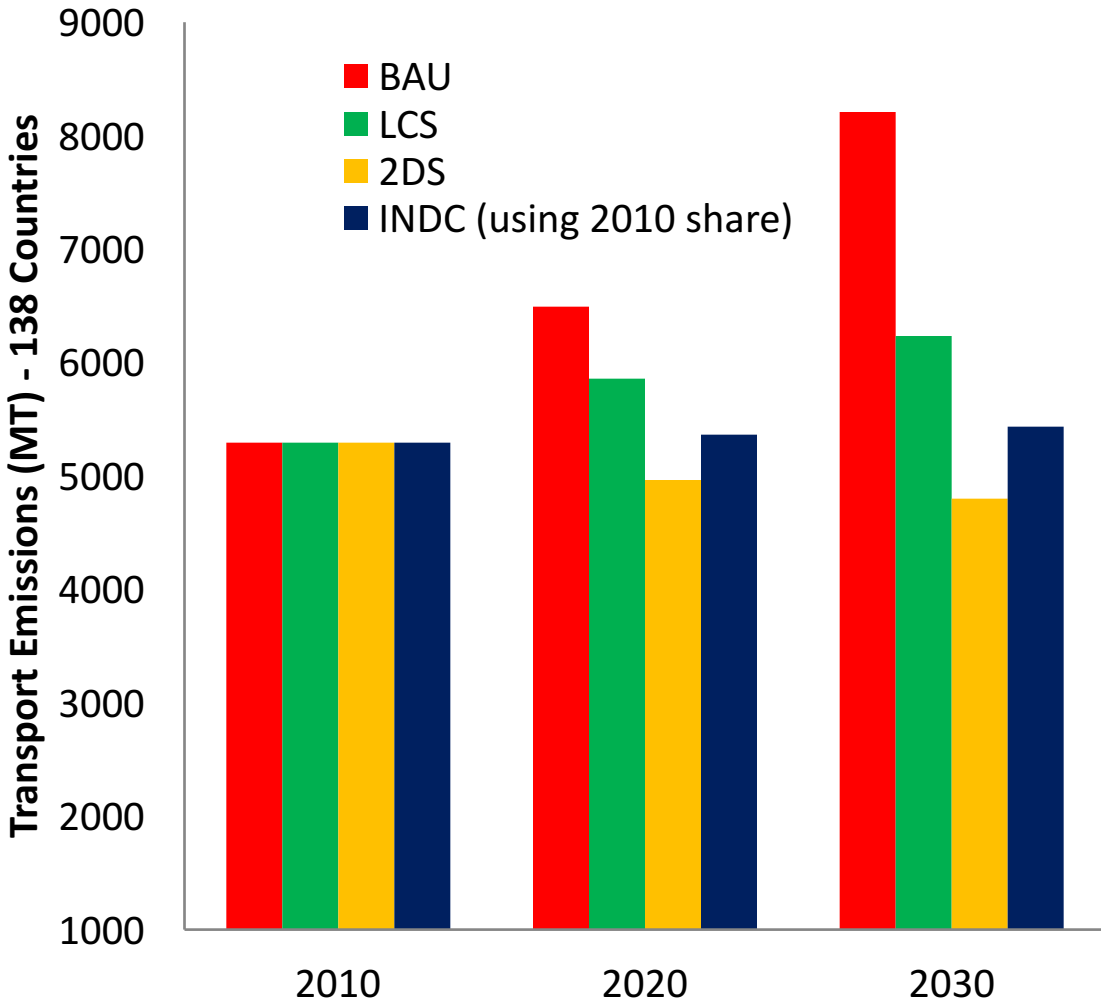
Sudhir Gota

Senior Consultant, Partnership on Sustainable, Low Carbon Transport

COP22 - November 2016

Partnership on Sustainable Low Carbon Transport

Transport and (I)NDCs (2030)



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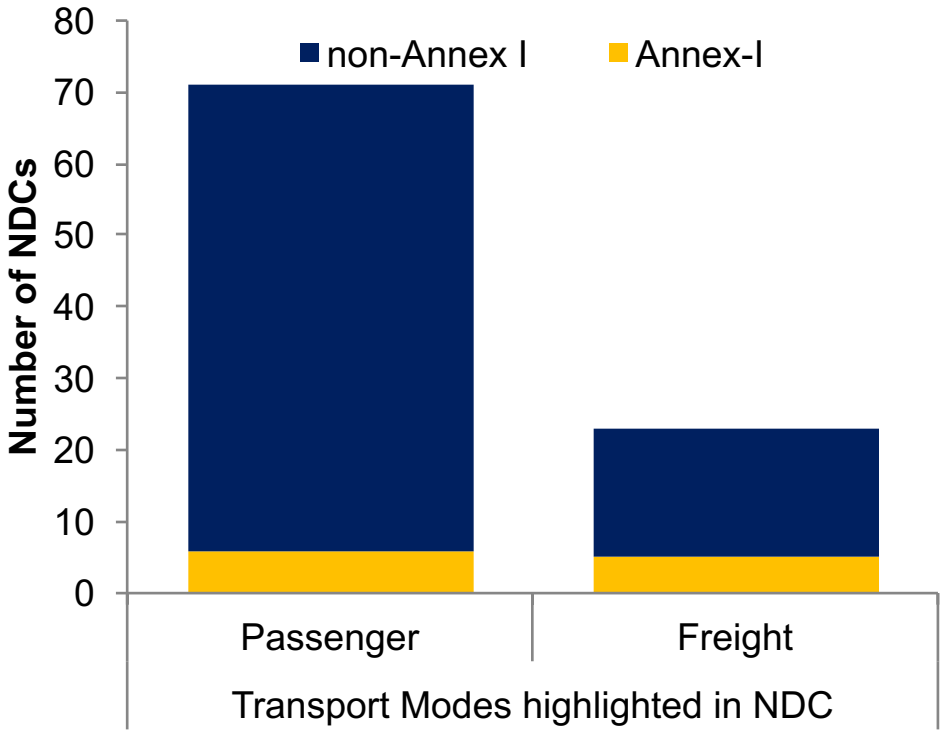
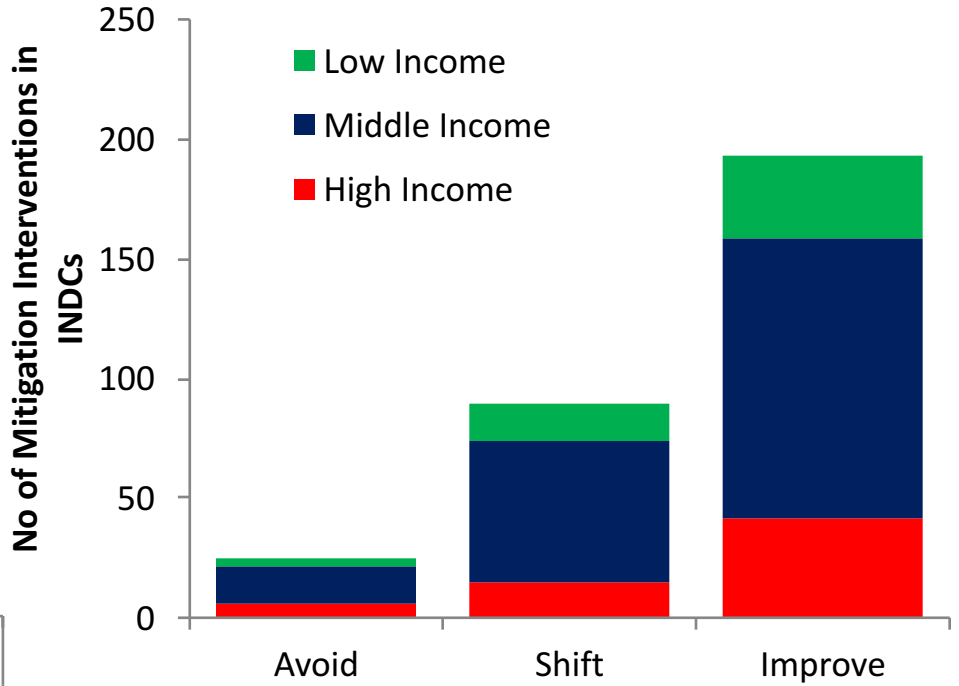
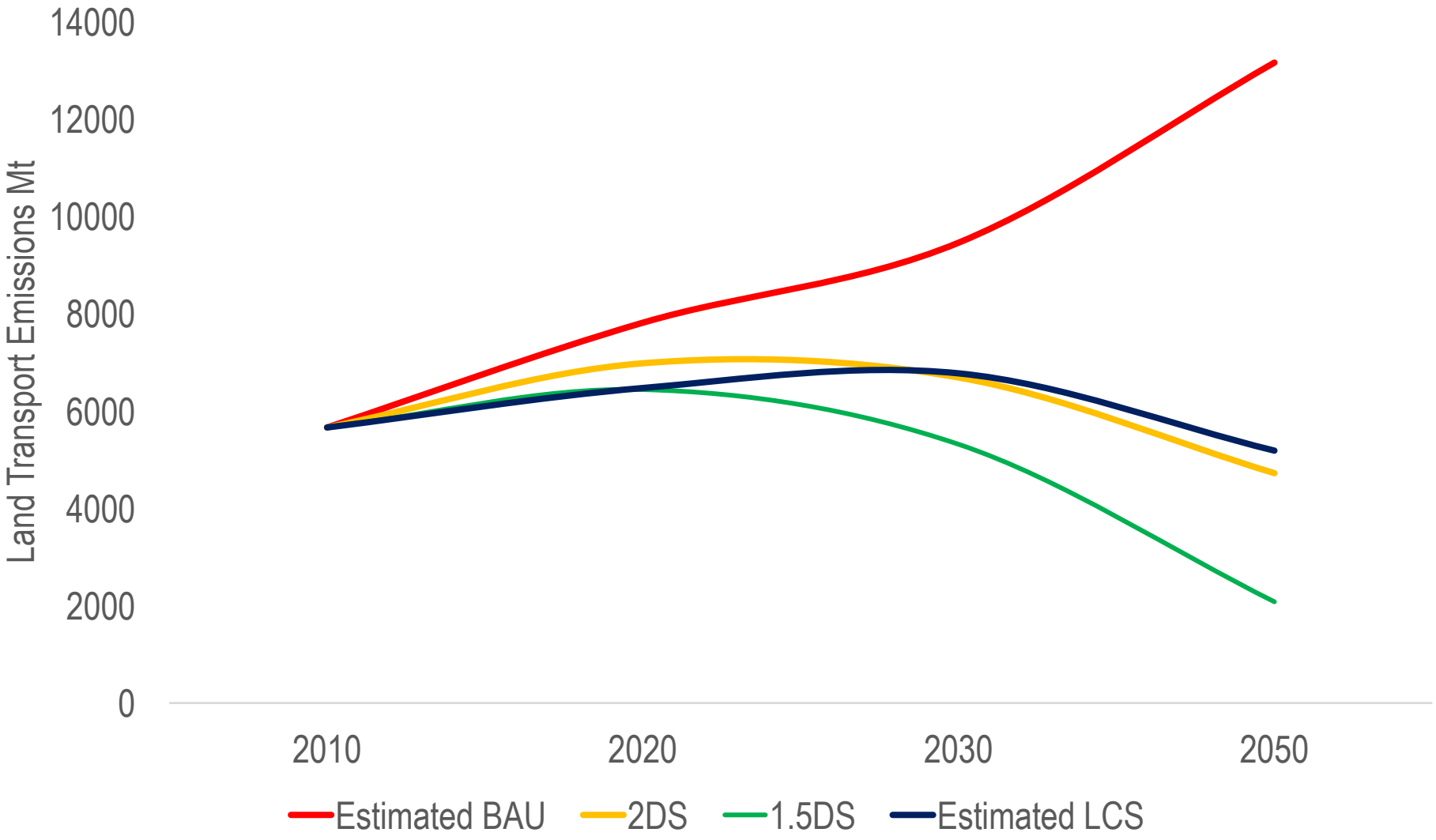
Transport and (I)NDCs





Global Land Transport GHG Emissions (2050)



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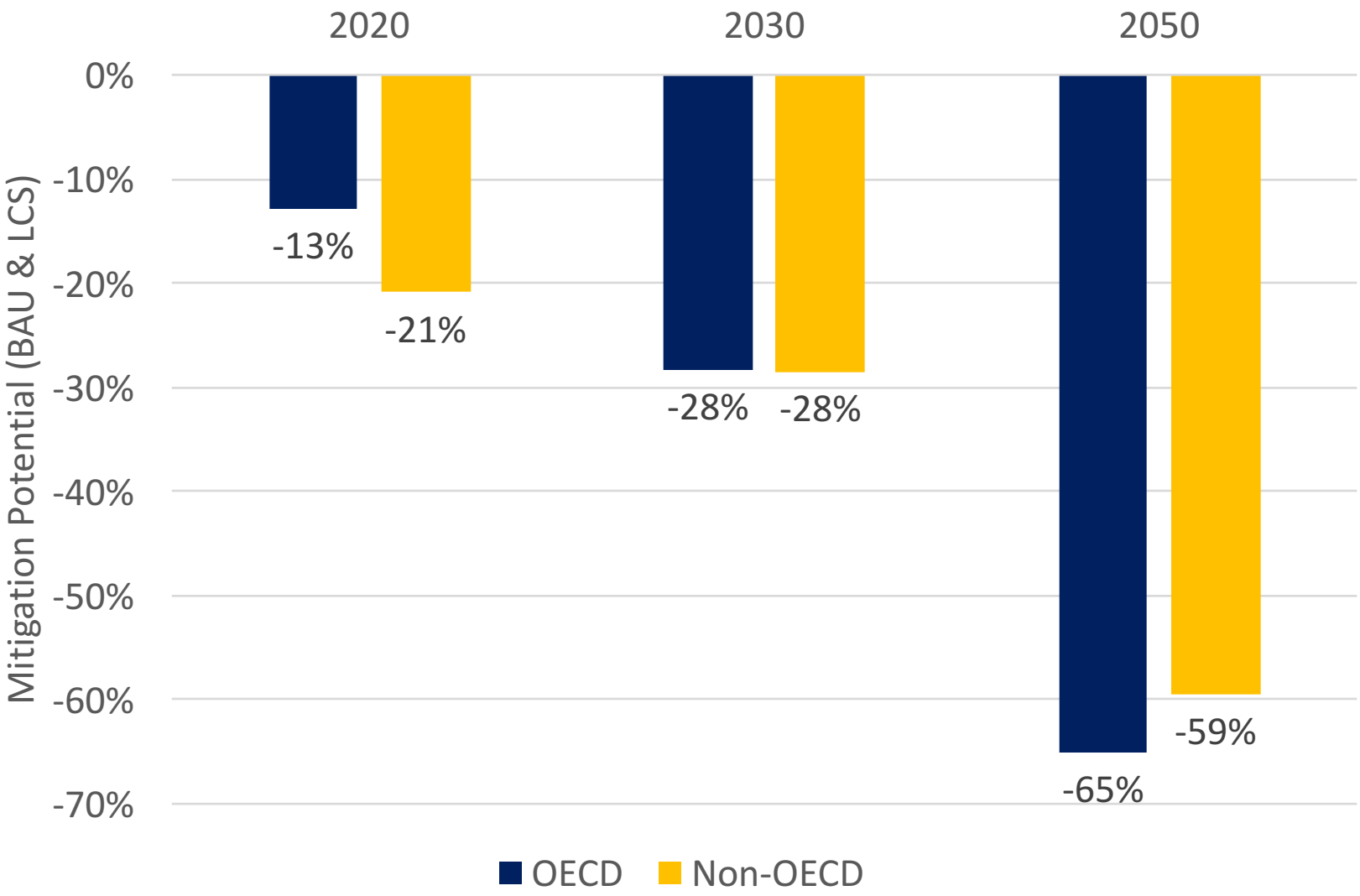
Global Land Transport GHG Emissions (2050)



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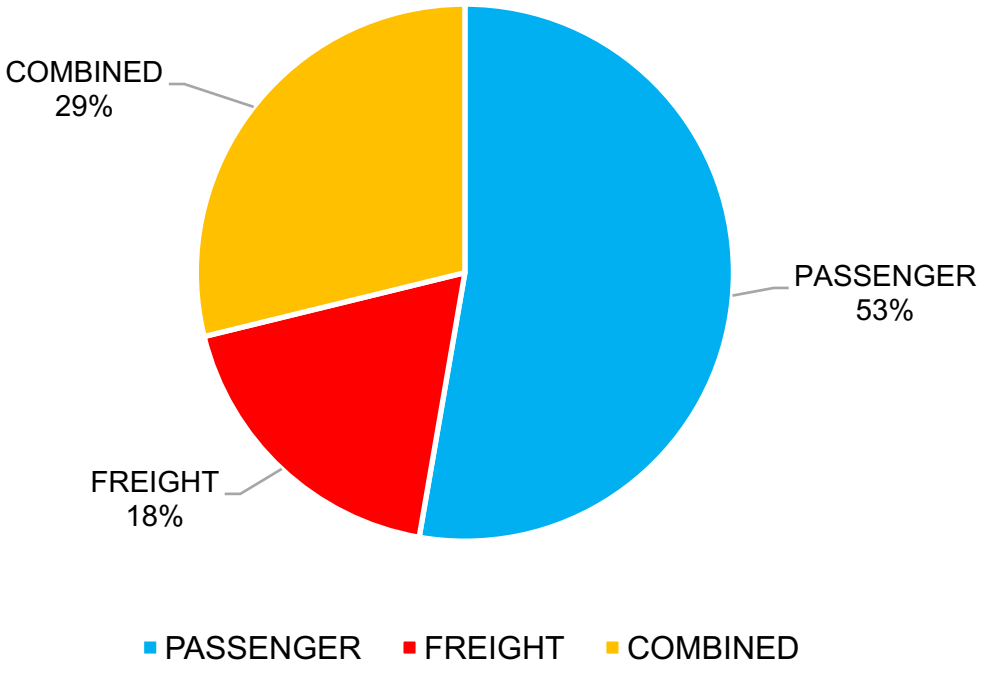
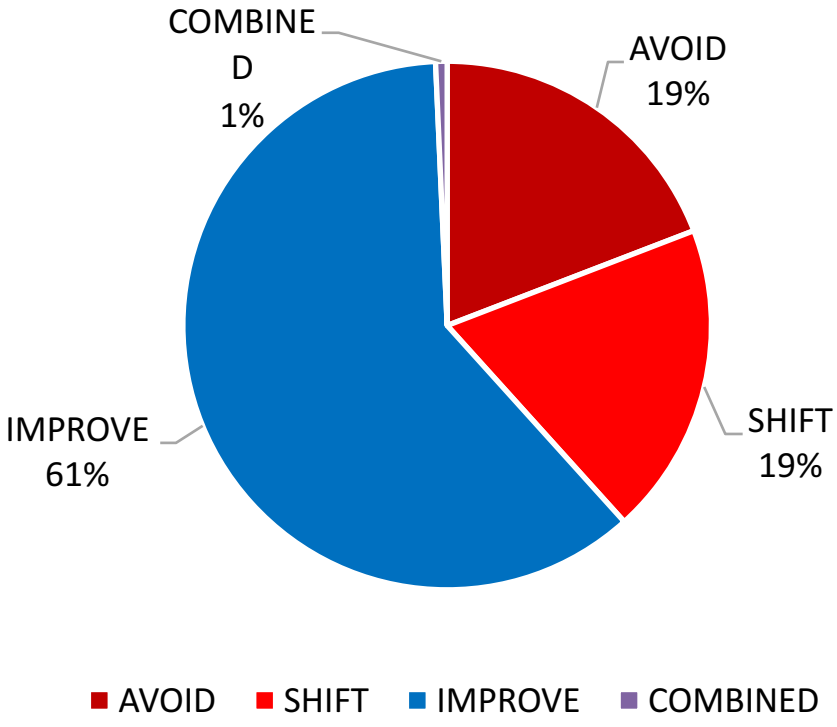
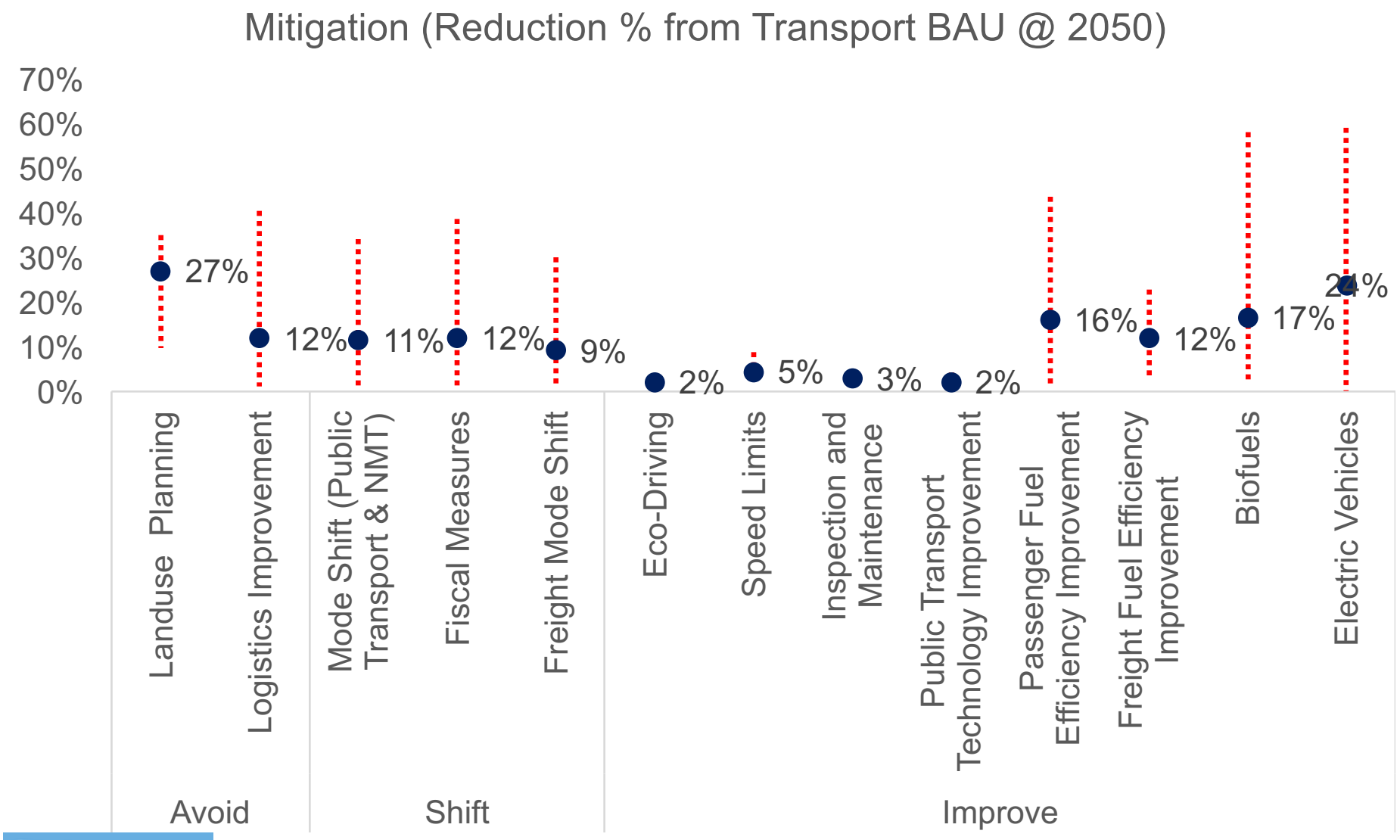
Land Transport Mitigation Measures Typology





1. 60 Countries only
2. 450 BAU and Low Carbon Studies
3. 550+ Mitigation Measures
4. In terms of Impact, Avoid and Shift “can” give comparable mitigation impact as Improve strategies

Land Transport Mitigation Measures Impact



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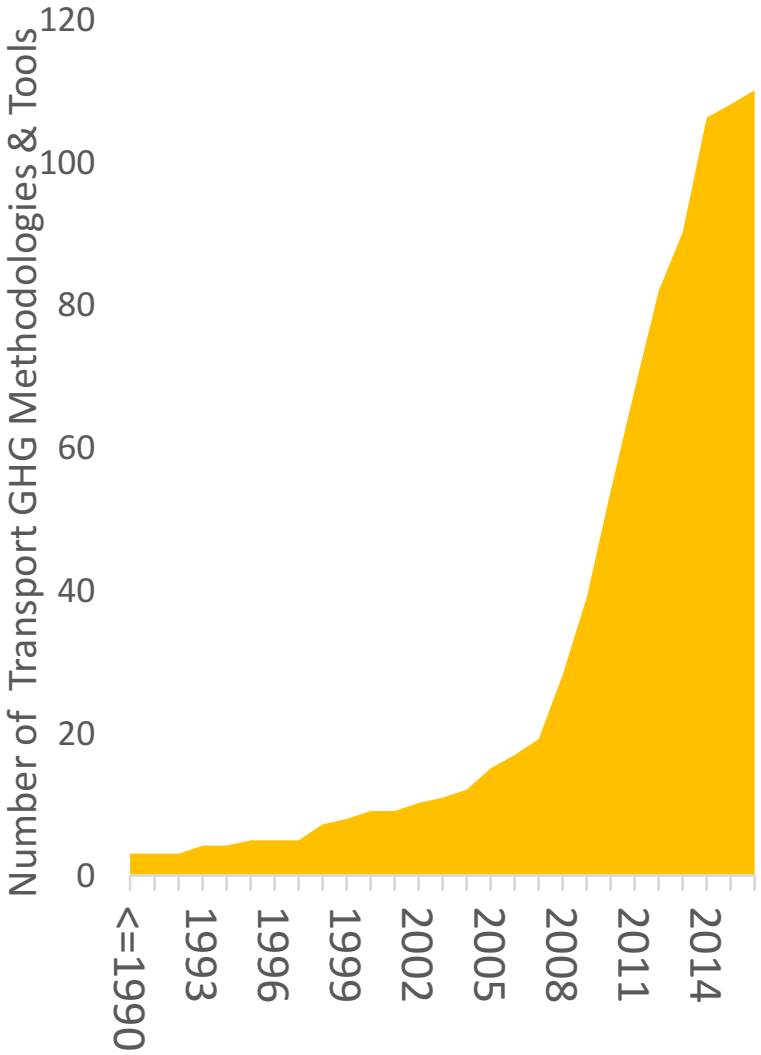
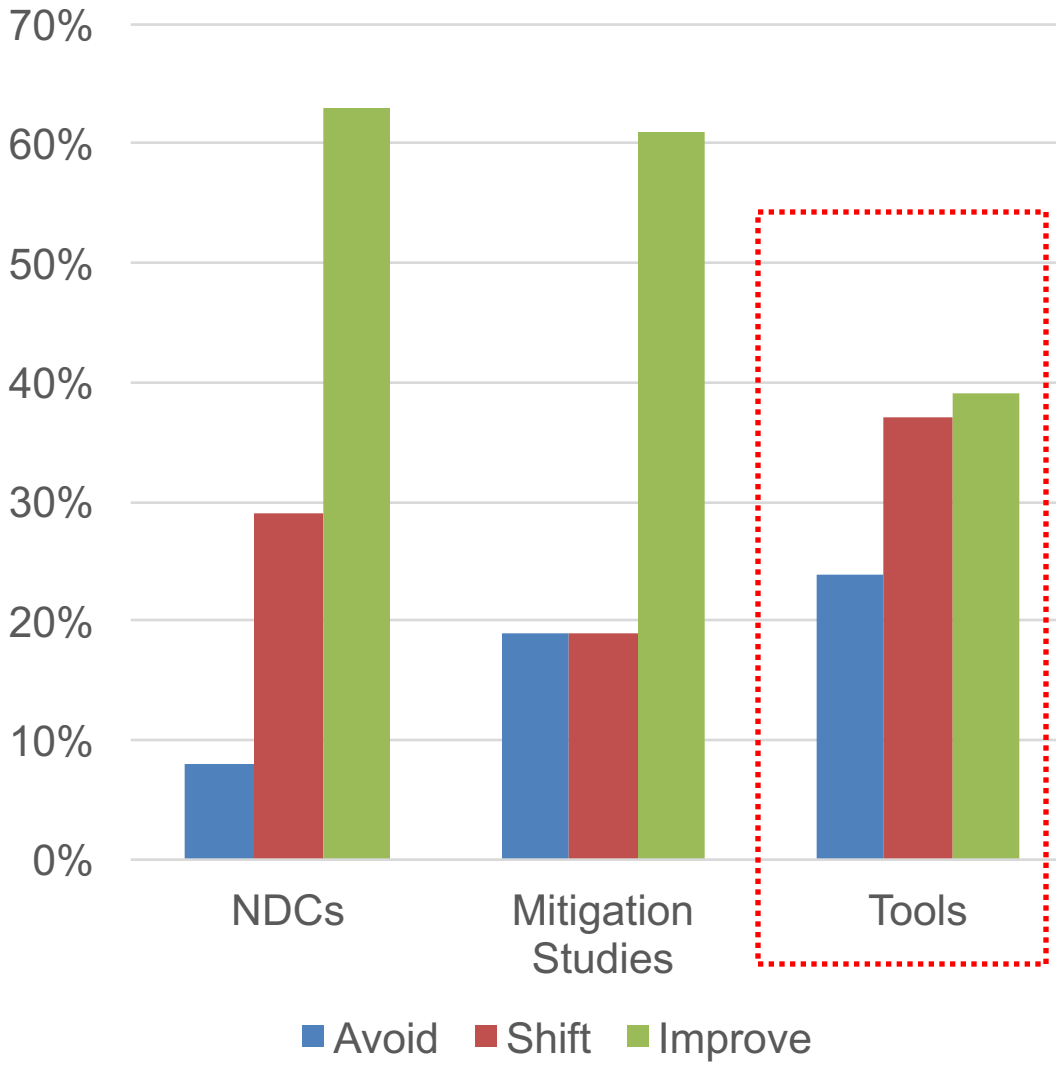
Land Transport Mitigation - Tools





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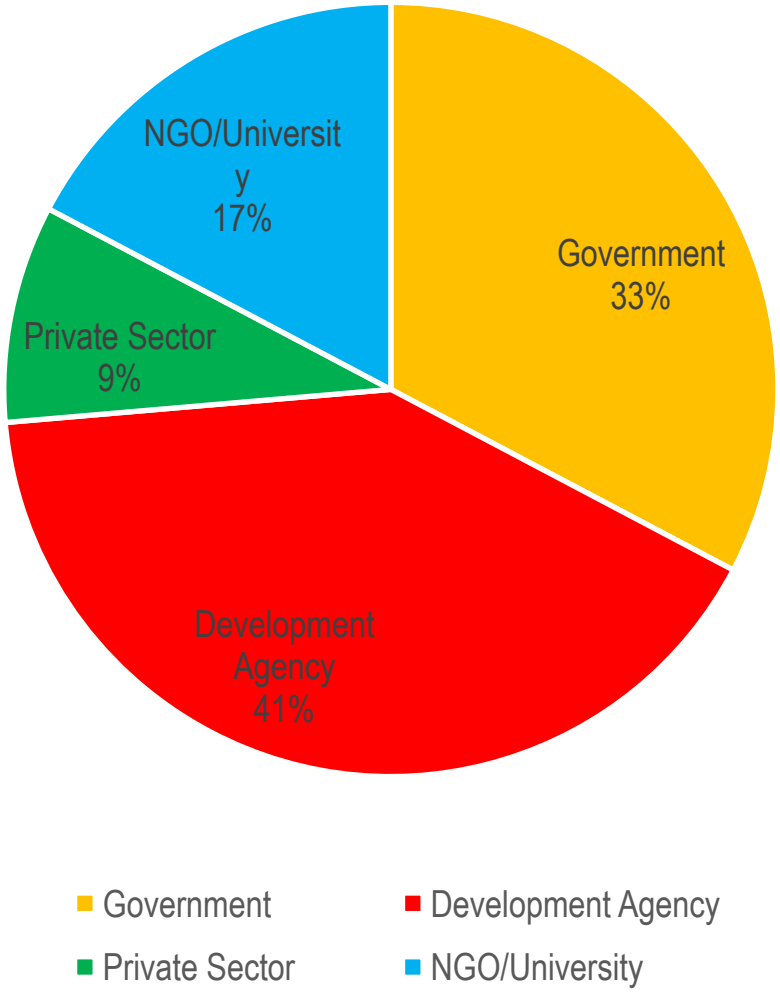
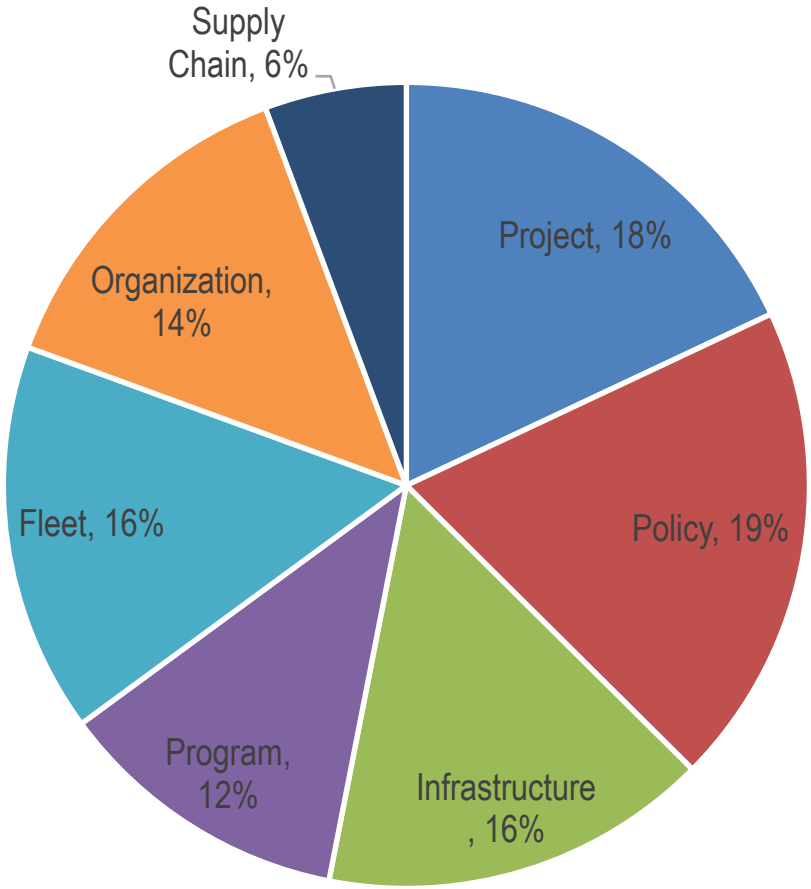
Land Transport Mitigation - Tools





Summary

1. High intensity of growth in BAU
2. High emission gap in NDCs by 2030
3. Mitigation potential assessed under a LCS (~ 60% by 2050) ~2DS
4. Zero net emissions soon after 2050 for land-transport sector (1.5DS)
5. Avoid/ Shift/ Freight in transport are “critical” but currently very uneven mix of policies in NDCs and mitigation studies
6. Data, modelling & capacity building to scale-up from 60+ to 190+
7. Very short window of opportunity – Quickwins and Roadmap